

Seminar Invitation

THE CURIOUS CASE OF SULPHUR METABOLISM AND CYSTEINE SYNTHESIS IN THE ANTIBIOTIC-RESISTANT HUMAN PATHOGEN, *NEISSERIA GONORRHOEAE*

Dr. Joanna Hicks, School of Pharmacy and Biomedical Science,
University of Waikato, New Zealand

28th March 2025 – 11.30

Plesso di Farmacia (Campus), Room G



Dr. Hicks is a biochemist and microbiologist whose research sits at the interface of biochemistry and infectious disease. She investigates fundamental aspects of bacterial virulence, specifically focusing on bacterial sulphur metabolism, cysteine synthesis, and the development of new antimicrobial strategies.

Her research aims to understand the pathways of bacterial sulphur metabolism, including the acquisition and synthesis of cysteine, the role these pathways play in infection, their regulation, and their potential as targets for new antimicrobial drugs or antibiotic enhancers to combat increasing antibiotic resistance

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